

ABSTRACT OF THE DISCLOSURE:

A one piece positive contact bowling ball retriever device, having no moving parts. It is secured to the inside of the ball return wheel and circum rotates with the wheel. It has a lead finger guide designed to assist in the differentiating of pins and the ball, as the pins go their way the lead finger guide captures, guides and holds the ball in its concave radius to be lifted and deposited in one smooth continuous flowing motion for subsequent discharge into the bowling ball return. This positive contact device nether contributes to nor is it affected by slippage and drag caused by the oil and dust normally associated with automatic bowling machinery. By using this positive contact device, ball friction will no longer have to be artificially supplied by the use of temporary rubber ball kickers and the machine r.p.m.s can be reduced for longer equipment life and more economical operation. Ball retriever 1 eliminates the need for manufactures to friction compensate by operating at 36 r.p.m, this inventor suggests that the bowling machinery may now be operated at a lower r.p.m. using belt and pulley reduction, however, other speeds and means of speed reduction could also be used.